

Converting Colors

RGB(97, 146, 149)

Have a look what the booklet for
RGB(97, 146, 149) contains.

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Color

RGB(97, 146, 149)

Conversions

Conversions Part 1

Format	Color
Hex	619295
RGB	97, 146, 149
RGB Percent	38%, 57%, 58%
CMY	0.6196, 0.4275, 0.4157
CMYK	0.35, 0.02, 0.00, 0.42
HSL	183°, 21%, 48%
HSV	183°, 35%, 58%
XYZ	20.6335, 25.2691, 32.2237
YIQ	131.6910, -30.1670, -9.4550

Conversions

Conversions Part 2

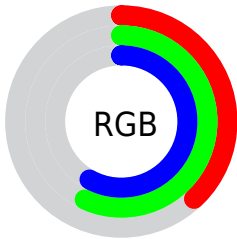
Format	Color
R_{YB}	97, 122, 149
Decimal	6394517
CIE _{Lab}	57.34, -15.60, -6.84
CIE _{LCh}	57, 17.037, 203.666
Yxy	25.2691, 0.2641, 0.3234
Android (android.graphics.Color)	4284584597 (0xFF619295)
YUV	131.6910, 8.5333, -30.4240
Hunter-Lab	50.2684, -14.7014, -2.8190

Details

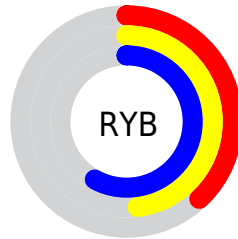
The RGB color **97, 146, 149** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **149, 100, 97**, and the grayscale version is **132, 132, 132**.

A 20% lighter version of the original color is **150, 200, 203**, and **46, 95, 98** is the 20% darker color. If you saturate the color by 10%, you get **82, 145, 149**, and if you desaturate by 10%, it is **112, 147, 149**.

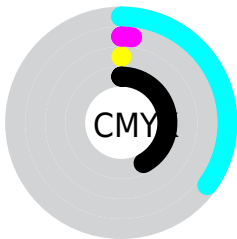
Distribution



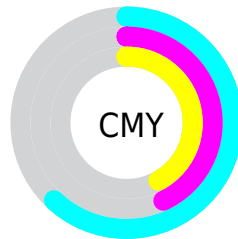
- Red (38%)
- Green (57%)
- Blue (58%)



- Red (38%)
- Yellow (48%)
- Blue (58%)



- Cyan (35%)
- Magenta (2%)
- Yellow (0%)
- Black (42%)



- Cyan (62%)
- Magenta (43%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the RGB color 97, 146, 149 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the RGB color 97, 146, 149 by changing the saturation by 10% instead.



97, 146, 149



97, 146, 149

255, 255, 255



72, 120, 123



150, 200, 203



46, 95, 98



177, 228, 231



19, 72, 75



205, 255, 255



0, 49, 52



234, 255, 255



0, 29, 31



0, 0, 5



0, 0, 0



97, 146, 149



97, 146, 149



82, 145, 149



112, 147, 149

■ 67, 144, 149

■ 127, 148, 149

■ 52, 143, 149

■ 142, 149, 149

■ 37, 143, 149

■ 157, 149, 149

■ 22, 142, 149

■ 171, 150, 149

■ 8, 141, 149

■ 186, 151, 149

■ 0, 140, 149

■ 201, 152, 149

■ 216, 153, 149

■ 231, 154, 149

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



105, 146, 134



97, 146, 149



101, 144, 161

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



97, 146, 149



154, 130, 155



152, 136, 108

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



97, 146, 149



149, 100, 97

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



164, 131, 114



97, 146, 149



165, 127, 141

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



97, 146, 149



136, 135, 165



169, 128, 126



136, 140, 110

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



97, 146, 149



111, 141, 166



169, 128, 126



157, 134, 109

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



97, 146, 149



174, 193, 194



97, 149, 100



85, 96, 97



224, 224, 224



97, 97, 97

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



97, 146, 149



112, 189, 194



97, 120, 149



67, 74, 74



0, 130, 138



0, 10, 10

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



149, 97, 146



194, 112, 189



149, 126, 97



74, 67, 74



138, 0, 130



10, 0, 10

Previews

White Background



This preview shows how the RGB color 97, 146, 149 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the RGB color 97, 146, 149 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

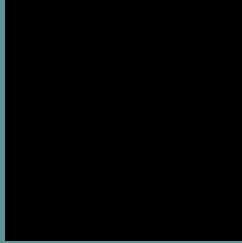
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 97, 146, 149 Background



This preview shows how black text looks on a background with the RGB color 97, 146, 149.



This preview shows how white text looks on a background with the RGB color 97, 146, 149.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

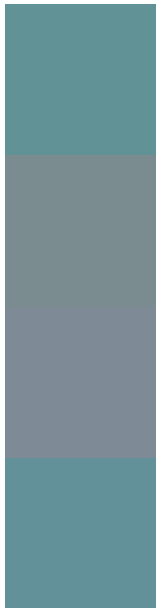
Dichromacy





Tritanopia
99, 145, 156

Trichromacy



Original Color

97, 146, 149

Protanomaly

123, 140, 145

Deuteranomaly

127, 138, 151

Tritanomaly

98, 145, 153

Monochromacy



Original Color

97, 146, 149

Achromatopsia

132, 132, 132

Achromatomaly

119, 137, 138

CSS Examples

Text

The CSS property to change the color of the text to RGB 97, 146, 149 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color rgb(97, 146, 149) looks like.

```
.text, #text, p{  
    color:rgb(97, 146, 149)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(97, 146, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 146, 149) }
```

Border

The CSS property to change the border of an element to RGB 97, 146, 149 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(97, 146, 149) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(97, 146, 149) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(97, 146, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 146, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 146, 149);  
box-shadow:4px 4px 4px 4px rgb(97, 146,  
149) }
```

Background

The CSS property to change the background color of an element to RGB 97, 146, 149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 146, 149) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(97, 146,  
149) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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